

Converting Colors

CIELCh(79, 17.918, 87.106)

Have a look what the booklet for
CIELCh(79, 17.918, 87.106) contains.

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Color

CIELCh(79, 17.810, 86.500)

Conversions

Conversions Part 1

Format	Color
Hex	D3C2A3
RGB	211, 194, 163
RGB Percent	83%, 76%, 64%
CMY	0.1735, 0.2401, 0.3617
CMYK	0.00, 0.08, 0.23, 0.17
HSL	39°, 35%, 73%
HSV	39°, 23%, 83%
XYZ	52.6248, 54.9284, 42.3715
YIQ	195.5490, 20.0830, -6.0370

Conversions

Conversions Part 2

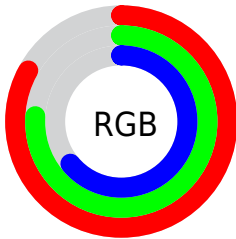
Format	Color
R_{YB}	189, 211, 163
Decimal	13877923
CIE Lab	79.00, 1.09, 17.78
CIE LCh	79, 17.810, 86.500
Yxy	54.9284, 0.3510, 0.3664
Android (android.graphics.Color)	4292068003 (0xFFD3C2A3)
YUV	195.5490, -16.0467, 13.5505
Hunter-Lab	74.1137, -2.9542, 17.9829

Details

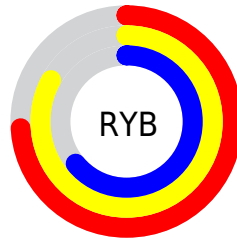
The CIELCh color **79, 17.810, 86.500** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **73, 17.618, 272.786**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 16.337, 102.447**, and **59, 18.089, 87.502** is the 20% darker color. If you saturate the color by 10%, you get **77, 25.928, 85.165**, and if you desaturate by 10%, it is **81, 9.867, 87.803**.

Distribution



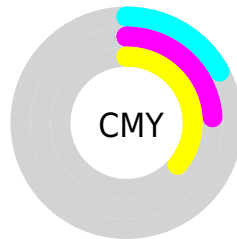
- Red (83%)
- Green (76%)
- Blue (64%)



- Red (74%)
- Yellow (83%)
- Blue (64%)



- Cyan (0%)
- Magenta (8%)
- Yellow (23%)
- Black (17%)



- Cyan (17%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 17.810, 86.500 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 79, 17.810, 86.500 by changing the saturation by 10% instead.

■ 79, 17.810, 86.500

■ 79, 17.810, 86.500

■ 100, 17.810,
86.500

■ 69, 17.810, 86.500

■ 99, 17.810, 86.500

■ 59, 17.810, 86.500

■ 49, 17.810, 86.500

■ 39, 17.810, 86.500

■ 29, 17.810, 86.500

■ 19, 17.810, 86.500

■ 9, 17.810, 86.500

■ 0, 17.810, 86.500

■ 79, 17.810, 86.500

■ 79, 17.810, 86.500

77, 25.928, 85.165

81, 9.867, 87.803

74, 34.176, 83.781

84, 2.107, 88.967

72, 42.462, 82.352

86, 5.471, 270.358

70, 50.599, 80.859

89, 12.876,
271.495

68, 58.232, 79.255

91, 13.962,
262.218

66, 64.759, 77.441

93, 12.384,
242.493

64, 69.348, 75.240

63, 71.454, 73.397

95, 12.505,
220.556

97, 14.246,
201.738

97, 14.759,
198.522

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



79, 17.810, 86.500



73, 17.618, 272.786

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 17.810, 86.500



79, 17.810, 136.500



79, 17.810, 266.500



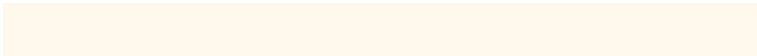
79, 17.810, 316.500

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



79, 17.811, 86.508



98, 6.266, 88.505



72, 20.560, 353.790



52, 4.075, 88.432



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 17.811, 86.508



92, 24.784, 85.905



83, 25.218, 113.660



43, 4.337, 88.223



51, 60.432, 73.919



11, 16.543, 76.325

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



73, 17.618, 272.786



84, 24.456, 273.601



69, 26.552, 297.451



41, 4.327, 270.708



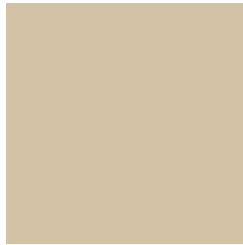
29, 68.785, 295.135



4, 19.297, 282.129

Previews

White Background



This preview shows how the CIELCh color 79, 17.810, 86.500 looks on a white background.

Color Contrast Check

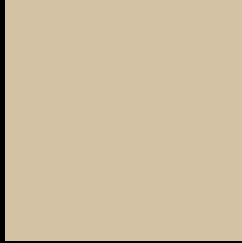
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 79, 17.810, 86.500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

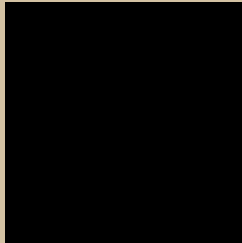
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 17.810, 86.500

Background



This preview shows how black text looks on a background with the CIELCh color 79, 17.810, 86.500.



This preview shows how white text looks on a background with the CIELCh color 79, 17.810, 86.500.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

79, 17.810, 86.500

Protanopia

79, 17.538, 94.319

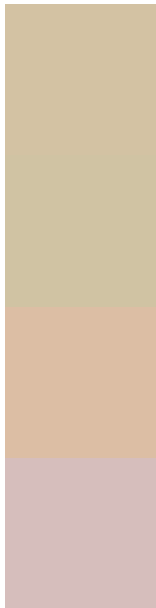
Deuteranopia

79, 19.967, 59.665



Tritanopia
79, 13.077, 342.809

Trichromacy



Original Color
79, 17.810, 86.500

Protanomaly
79, 17.754, 91.836

Deuteranomaly
79, 18.360, 68.439

Tritanomaly
79, 9.144, 26.722

Monochromacy



Original Color
79, 17.810, 86.500

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 6.761, 89.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 17.810, 86.500 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(211, 194, 163)` looks like.

```
.text, #text, p{  
    color:rgb(211, 194, 163)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(211, 194, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 194, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 17.810, 86.500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(211, 194, 163) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(211, 194, 163) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(211, 194, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 194, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 194, 163);  
box-shadow:4px 4px 4px 4px rgb(211, 194,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 17.810, 86.500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 194, 163) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(211,  
194, 163) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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